

JAPANESE PATENT ABSTRACT

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PATENT ABSTRACTS OF JAPAN

1. CONVEYER FOR MAGNETIC POWDER - PAJ 00-22-76 04277126 JP NDN-
190-0109-2741-5

INVENTOR(S)- OISHI, HAJIME

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INTERNATIONAL PATENT CLASS- B65G05402; B23Q01100; B65G01700; B65G01746
APPLICANT(S)- YAMAISHI:KK PUBLICATION COUNTRY- Japan

PURPOSE: To dispense with the cleaning of a conveyer by conveying the magnetic powder in the condition that the conveyer and the magnetic powder are separated completely thereby completely preventing the adhesion of magnetic powder to the conveyer, and to sharply improve the life of the device by preventing the abrasion of the conveyer by the magnetic powder, and further to separate the magnetic powder being precipitated in the liquid from that liquid and convey it.

CONSTITUTION: Magnetic powder is conveyed in the condition that the conveyer and the magnetic powder such as chips, etc., are separated completely by conveying it while attracting the magnetic powder 6 to the outer wall of the casing by running a permanent magnet 4 inside the casing 10 and making the magnetic force act on the magnetic powder through that casing.

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